SOUTH PRODUCTION NOTES

January 17, 2014
Afternoon Shift

BASF EMPLOYEES
55 Last Recordable
200 Last Lost Time

#1 MED Si-1624 next: **Down / Cleaning for Si-1624.**

#1 RC / Al 5637: **Continue to feed.**
Midnight shift: MED - No activity. RC – Syntron stopped working around 5:00 am. Vibation got weaker, then eventually quit working. Work notification written.
Day shift: #1 RC continued to feed after syntron was fixed.
Afternoon Shift:
Exhaust to Trimer

#2 MED line/ Cu-1230 is next. **Planning to start Cu-1230 next week.**
Midnight shift: No change
Day Shift:
Afternoon Shift:

#2 RC/ Emergency switch to D-1795: **Continue. Feed the remaining bags on the floor, and then the 2 bags marked "refire" at the regular temperature before feeding any of the batches that are to be made on the old pfaudler with the Chevron material.**
Midnight Shift: Continue feeding bags
Day shift: Calciner continued to run entire shift.
Afternoon Shift:
Exhausting to CTO

New Pfaudler / Ni 2458 next: **Continue batches**
Midnight shift: Continue. Still having blocked nozzle issues and 6 tank temps will not maintain. Work notification written for maintenance and/or Lucas to repair steam heating on 6 tank.
Day shift: Made another batch. Will need to make a tank in 6 before making another batch.
Afternoon Shift:

Tank 6 / Ni Solution: **Monitor temps and density.**
Midnight shift: Monitor temps and density…work notification written for 6 tank steam heating (not working properly).
Day shift: Emptied tank below 10% will need to make another batch.

Afternoon Shift:

National Dryer / Ni 2458 : **Started feeding/Keep temperature close to 80 degrees.**
Midnight shift: Continue and watch for wet material. NOTE: when changing bag and re-opening slide gate, make sure material flows to bag. We noticed that during this time, when the gate is closed the material packs in the chute. Need to monitor each time we re-open gate and if necessary, poke the material through the hopper to the bag.
Day shift: Continued to feed with no issues.
Afternoon shift:

#4 RC / Ni 2458: **Continue to feed. Do not feed wet bags of material. We will have to re-dry some of the bags.**
Exhaust to
Midnight shift: Continue feeding, and monitor for NOx. Suction was too high beginning of 11-7 shift. Suction was then brought down per the MOD range (.30-.50). Suction now between .30-.40 and no indication of NOx.
Day shift: Stopped temporarily to redo the blanket because of Nox issues early on, then ran well the rest of the shift.
Afternoon Shift:

#3 MED line / D-1795 NAQ: **Extruder/mixer/pulva on hold. Continue feeding D 1795 buggies to dryer through floor.**
Midnight Shift: Will re-feed when more material made, however the dryer drive belt is currently locked out. Need to confirm what is wrong (previous notes indicated oscillating arm belt was down, but that is not needed).
Day shift: Fed remaining material through the dryer. More to be fed on midnight shift after another batch is made on the pfaudler.
Afternoon Shift:

#3 RC/ D-1795 NAQ: **Maintenance has been working on the calciner during first shift. When up again, Feed the remaining bags on the floor, and then the 2 bags marked "refire" at the regular temperature before feeding any of the batches that are to be made on the old pfaudler with the Chevron material.**
Exhausting to CTO
Midnight shift: Work notification written for electrician assistance (could not relight calciner).
Day shift: Maintenance has been working on trying to get the calciner to stay lit all day. It has kicked out 4 times so far.
Afternoon Shift:

PK Blender / OxyVinyl Catoxid: **Continue on. New gauge was installed on Friday morning.**

Midnight shift: Chrome tank made…continue
Day shift: Continued on.
Afternoon Shift:

#5 RC / OxyVinyl Catoxid next: **DOWN. When we do start running, please add one bag of the older Catoxid material (located in the back of alumina gel) per shift until exhausted.**

Exhaust to 5DC

Midnight shift: Down
Day shift: No word yet….
Afternoon Shift:

Old Pfaudler – D 1795: **Will be making more batches on Friday. We will have enough raws brought in to make 6 more batches.**
Midnight shift: No activity…more raws coming.
Day Shift: Chevron raws are here and the PV for these bags is .69. Keep in mind that these are 1400# bags.
Afternoon Shift:

Tank 7 / AMT for D-1795 NAQ: **We will need to make a final tank with the 3 remaining bags of amt.**
Midnight shift: No activity…see old pfaudler info above
Day shift:
Afternoon Shift:

#6 - RC / D-0756: **Down. We need to get the dryer cleanings accounted for so Chevron can have that information. We need to keep the calciner down. It was worked on by Elliot, but is not ready to run.**

Exhaust to Sly Scrubber

Midnight shift: No activity…continue cleaning with available manpower.
Day Shift:
Afternoon shift:

Tower 3 / Cu-1986: **Loaded and running. When unloading, Grodecki will be providing instructions on sampling. Do not top off the partial drum left in the screening room with material from the next tower load. We want to keep the next tower load isolated.**

Tower 6 / E-474: Tower unloaded, waiting for raws and guidance from Grodecki.
Midnight Shift: #3 running; #6 unloaded and waiting for next loads to deliver.
Day shift:
Afternoon shift:
Harrop Kiln - Al-3921 T 3/16": Down… saggers have been removed, screener parts at TK#2
Midnight Shift: No activity

North Screener / E 474: On hold for more material.
Midnight shift: Tower 6 unloaded so E 474 available. Continue
Day shift: Continued to screen E-474.
Afternoon Shift:

South Screener / Cu 1986: Waiting for tower to be unloaded. Do not top off the partial drum with material from the next tower load.
Midnight shift: Done until Tower #3 comes down.
Day shift: Waiting for tower to be unloaded. Do not top off the partial drum with material from the next tower load. Keep the next lot separate.
Afternoon Shift:

Harrop Kiln Al 3921 T 3/16: Down. Saggers have been removed, however screener parts are at TK #2.
Midnight shift: No activity
Day shift: No change.
Afternoon shift: No change.

HC-11 Tanks / Cu 5020: Completed. Maintenance needs to repair or replace tank #6 pump.
Midnight shift: No activity
Day shift: No change.
Afternoon Shift: No activity.

Abbe blender / D 5206: Down…out of HF

#2662 Pill Machine / Al-3917 3/16: Finished. Holding for decision to switch to 3915.

#2664 Pill Machine / Al-3917 3/16: Finished. Holding for decision to switch to 3915.

Tunnel Kiln #2 / BE-0101 Extrusions: Completed.
Midnight shift:
Day shift:

Afternoon Shift:

<u>Tunnel Kiln #4 / Cu-0540:</u> Continue loading/unloading
Midnight shift: Continue. Work notification written for lighting repairs (bulbs, fixtures).
Day shift: Continued on.
Afternoon Shift: Continued on.

Priorities 1 through 6 are basically all the same priority, should be considered urgent and will require call outs for maint issues.

1) D-1795 NAQ - East Pfaudler/#3P&S Dryer/#3RC
2) D-1795 NAQ - #2 RC
3) Reduction Towers, specifically keeping up with the screening and getting the samples to the lab on E-474 TRL finished lots. Next arrival of 474 GP expected on Monday afternoon for Tower 6 (leave empty until next 474 GP shipment arrives). Continue to run Cu-1986 TRL through Tower 3.
4) Catoxid - PK/#5RC
5) Ni-2458 E - West Pfaudler/National Dryer/#4RC
6) AL-5637 E 1/8 - #1 RC
7) Cu-0602 E Trial - Clean out calciner after D-1795 NAQ is finished for Cu-0602 E

A few notes since I could not attend the Friday morning meeting.
- Continue to run #2 RC until all of the D-1795 NAQ is calcined
- After the last batch of D-1795 NAQ is through #3 P&S, stop feeding #3 RC and only feed #2 RC D-1795 NAQ Dried
- Clean out #3 P&S dryer and #3 RC, should only be a quick vacuum, engineers need to advise
- Set up #3 MED line for D-1798 NAQ Base, we want to get this started asap after #3 P&S and #3 RC are cleaned out
- Clean #2 RC after all D-1795 NAQ Dried and dryer cleanings have been fed

See Justin's e-mail below:

Celanese has asked for additional samples for testing in their lab. Specifically, they need the following:

CEHW-1130A - 50375189 - These should all be in supersacks in the warehouse and have **red** handwritten labels on them. *Please make sure whatever label is put on the sample reflects exactly what it says on the bag*

-Two 5kg samples from bags labeled 'incomplete coverage'(please get one sample from two different bags, not two samples from the same bag)
-One 5kg sample from a bag labeled 'possible contamination'
-Two 5kg samples from any bag labeled 'good material'

CEHW-1130B - 50377931 - This sample will be in a drum, also in the warehouse.

-One 5kg sample from any drum on the **#5-8 drum pallet**. Please make sure the sample comes from this pallet only.

When these samples are taken, please have them dropped off outside of the inside shipping door by the scale. I will grab them from there and get them sent out. Please call with any questions and email me just so I know when they're done. Thanks!

Regards,

Justin Quach
Process Engineer - Catalysts

<u>CRT's:</u> When we run #5 we will need to check temperatures in the #5 baghouse and also keep an eye on the #5 Dust Collector stack for signs of powder coming out.